

opaque, objects *in toto*. It will clear such objects as tadpoles, worms, etc., so that the internal organs may be studied. Use:—

1 per cent Chromic acid.....	80 c. c.
Eau de Javelle.....	5 c. c.
Potash	10 drops

This fixes, depigments, and clears.

SEXUAL FUSIONS IN YEAST.

A. Guilliermond (Compt. Rendu, 1911) has observed fusion of yeast cells preliminary to the formation of ascospores. He believes that he has established that the common parthenogenetic formation of asci marks a retrogression from the copulating condition, such as is well known in species of *Saprolegnia*.

PHOTO-MICROGRAPHY.

In a little hand-book entitled "Elementary Photo-Micrography" Mr. Walter Bagshaw undertakes to make easy, or at least pleasant and hopeful, the way of the beginner who cannot take the time, nor undergo the expense, necessary to operate an elaborate and costly apparatus. The chief excellence of the book consists in its simple direct style; in its avoidance of unnecessary technical details, however interesting; in its common-sense appliances and devices. By means of the book any worker with the microscope, who has knowledge of photography, will be able at once to combine the two knowledges in such a way as to make a permanent record of the things that interest him.

The various chapters deal with such subjects as these: How to make a simple microscopic outfit; Photo-Micrography without a microscope; Illumination; Focussing, Measuring amplification; Exposure; Requisites for development—and rules for developing, fixing, clearing, intensification, reduction, printing, etc.; Lantern slide making. There are also appendices containing information useful to the operator.

Elementary Photo-Micrography, by Walter Bagshaw, with 103 pages and illustrations. Second Edition. 2/6 net. Hliffe & Sons, Lim., London.